

Celestica
1615 East Washington Street
Mt. Pleasant, Iowa 52641
Tel (319)385-5392

April 24, 2001

The Performance Track Information Center
C/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

Enclosed is Celestica Mt. Pleasant's application for participation in the National Environmental Achievement Track recognition program.

We look forward to working with the EPA in the National Environmental Achievement Track recognition program. The track record of the Celestica employees at our ISO 14001 certified Mt. Pleasant site demonstrates our commitment to carry on a tradition of continuous improvement in environmental performance excellence. This will be a great opportunity to share our enthusiasm and enhance recognition for the efforts of all those in the agency and in industry who are working together to ensure the wise use of resources and the quality of the environment.

If you have any questions or need additional information please contact Jim Cowser (319)385-5260 or Steve Wilson (319)385-5392.

Sincerely,

Bob Svidal

Director of Manufacturing Operations



A07-0014 7-04-01

National Environmental Achievement Track

Application Form

Celestica

Name of facility

Celestica

Name of parent company (if any)

1615 East Washington Street

Street address

Street address (continued)

Mt. Pleasant, Iowa 52641

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Jim Cowser

Title EHS/Facilities Manager

Phone 319-385-5260

Fax 319-385-5244

E-mail CJC049@e-mail.mot.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

Section A

Tell us about your facility.

1 What do you do or make at your facility?

The Celestica Mt. Pleasant facility manufactures 2 way FM portable and mobile communication equipment.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
3663

NAICS
33422

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes

☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50

☐ 50-99

☐ 100-499

☒ 500-1,000

☐ More than 1,000

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

EPA Number: IAD984570754

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

See Attached Supplemental Information.

Section B

Tell us about your EMS.

Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy ☒ Yes

b. Planning ☒ Yes

c. Implementation and operation ☒ Yes

d. Checking and corrective action ☒ Yes

e. Management review ☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use?

☒ Self-assessment

☐ GEMI

☐ Other

☐ CEMP

☒ Third-party assessment

☒ ISO 14001 Certification

☐ Other

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

Section C

Tell us about your past achievements and future commitments.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Sanitary Landfill Waste	294,000	LBS	190,700	LBS
<p>i. How is the current level an improvement over the previous level?</p> <p>We have reduced sanitary landfill waste 35% from 1998 through 2000 (landfill waste per unit shipped has been reduce by 90% since 1989.) While 78% of the reduction in the last two years has come from plastic recycling the remaining 22% is the result of other recycling and reuse programs.</p> <p>ii. How did you achieve this improvement?</p> <p>Employees have participated in creating and implementing various programs and activities such as container reuse, cardboard and paper recycling and paper-less reporting.</p>				

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
Recycled Materials, Plastics	Quantity	Units	Quantity	Units
	65,842 (1998)	LBS	146,810	LBS
<p>i. How is the current level an improvement over the previous level?</p> <p>Plastic recycling has increased by over 2 fold from 1998 through 2000 and 8 fold from 1997 through 2000.</p>				
<p>ii. How did you achieve this improvement?</p> <p>The EHS department found a outlet for marketing mixed plasitcs which has allowed Celestica employees to participate in dramatically increasing plastic recycling.</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you are a small facility, you need to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?

b. Is this aspect identified as significant in your EMS?

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

Total Solid Waste for Landfill Disposal

☒ Yes ☐ No

☒ Option A:
Absolute value

190,700 lbs
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output

(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value
152,560 lbs
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output
(Quantity/Units)

e. How will you achieve this improvement?

Increased recycling/reuse to include efforts to develop community composting of municipal solid waste in cooperation with the city and the State Minimum Security Unit. (No more than 50% of the landfilled waste reduction reported in this category shall come from increased plastic recycling.)

Second aspect you've selected

a. What is the aspect?

Recycled Materials, Plastics

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value
146,810/lbs
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output
(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value
175,000/lbs
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output
(Quantity/Units)

e. How will you achieve this improvement?

Capture escaping material and work with vendors to insure utilization of recyclable plastic material.

Third aspect you've selected

a. What is the aspect?

Hazardous Waste (Isopropanol)

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value 5536/lbs
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value 4429/lbs
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

e. How will you achieve this improvement?

Isopropanol Conservation and process review

Fourth aspect you've selected

a. What is the aspect?

Total Energy Use; Electrical & Natural Gas

b. Is this aspect identified as significant in your EMS?

☐ Yes ☒ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value 6,136,219/kw
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value 4,908,975/kw
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

e. How will you achieve this improvement?

Energy efficient lighting, conservation and consolidation.

Why do we need this information?

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

Section D

Tell us about your public outreach and reporting.

- 1 How do you identify and respond to community concerns?

The EHS staff is involved with various community groups such as Iowa REAP, the county conservation board, community schools, environmental groups and the local college. Celesticans participate in many activities such as educational field trips, Habitat for Humanity tree plantings, Adopt a Highway, wetland restoration, trumpeter swan restoration, lowwater water quality monitoring as well as promoting community composting and wetlands tertiary treatment of the POTW discharge. See attachment (B)

- 2 How do you inform community members of important matters that affect them?

The staff participates in the various groups mentioned above and uses donations and press coverage to draw attention to significant environmental matters such as water quality and ISO 14001 Certification. Our EHS policy is a public document. Our management attends the local manufacturers association meetings.

- 3 How will you make the Achievement Track Annual Performance Report available to the public?

☐ Website www.

☒ Newspaper

☐ Open Houses

☐ Other

Mt. Pleasant News: 215 W.
Monroe St., Mt. Pleasant, IA. 52641
Phone 319-385-3131 Fax: 319-385-8048 Email:
prod@mpnews.net

4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	<i>Organization</i>	<i>Name</i>	<i>Phone number</i>
<i>Representative of a Community/ Citizen Group</i>	Mt. Pleasant Middle School	Rosemary Peck	319-385-7730
<i>State/Local Regulator</i>	DNR Water Quality	Ralph Turkel	515-281-7025
<i>Other community/local reference</i>	Goodyear Tire Co. Safety, Health and Environmental Specialists.	Wayne Rogers	319-385-3196

Section E

Application and Participation Statement.

On behalf of the Celestica, Mt. Pleasant Plant
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title Bob Svidal, Director of Manufacturing Operations

Facility Name Celestica - Mt. Pleasant, Iowa Plant

Facility Street Address 1615 East Washington Street
Mt. Pleasant, Iowa 52641

Facility ID Numbers EPA IAD984570754

National Environmental Achievement Track

Environmental Requirements Checklist

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
4th Floor
Cambridge, MA 02140

We've included the following Checklist to help you answer questions in Section A, Tell us about your facility. The Checklist will help you identify the major federal, state, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Air Pollution Regulations

Check All That Apply

- ☒ 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
- ☒ 2. Permits and Registration of Air Pollution Sources
- ☒ 3. General Emission Standards, Prohibitions and Restrictions
- ☐ 4. Control of Incinerators
- ☐ 5. Process Industry Emission Standards
- ☐ 6. Control of Fuel Burning Equipment
- ☐ 7. Control of VOCs
- ☐ 8. Sampling, Testing and Reporting
- ☐ 9. Visible Emissions Standards
- ☐ 10. Control of Fugitive Dust
- ☐ 11. Toxic Air Pollutants Control
- ☐ 12. Vehicle Emissions Inspections and Testing

- ☒ 13. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above
Protection of Stratospheric Ozone (40 CFR 82)

Hazardous Waste Management Regulations

Check All That Apply

- ☒ 1. Identification and Listing of Hazardous Waste (40 CFR 261)

- ☒ - Characteristic Waste
- ☐ - Listed Waste
- ☒ 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - ☒ - Manifesting
 - ☒ - Pre-transport requirements
 - ☒ - Record keeping/reporting
- ☐ 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - ☐ - Transfer facility requirements
 - ☐ - Manifest system and record-keeping
 - ☐ - Hazardous waste discharges
- ☐ 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - ☐ - General facility standards
 - ☐ - Preparedness and prevention
 - ☐ - Contingency plan and emergency procedures
 - ☐ - Manifest system, Record keeping and reporting
 - ☐ - Groundwater protection
 - ☐ - Financial requirements
 - ☐ - Use and management of containers
 - ☐ - Tanks
 - ☐ - Waste piles
 - ☐ - Land treatment
 - ☐ - Incinerators
- ☐ 5. Interim Standards for TSD Owners and Operators (40 CFR 265)
- ☐ 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- ☐ 7. Administered Permit Program (Part B) (40 CFR 270)
- ☐ 8. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Materials Management

Check All That Apply

- ☐ 1. Control of Pollution by Oil and Other Hazardous Substances (33 CFR 153)
- ☒ 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- ☒ 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- ☒ 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- ☒ 5. Community Right-to-Know Regulations (40 CFR 350-372)
- ☐ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Solid Waste Management

Check All That Apply

- ☐ 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- ☐ 2. Permit Requirements for Solid Waste Disposal Facilities
- ☐ 3. Installation of Systems of Refuse Disposal
- ☐ 4. Solid Waste Storage and Removal Requirements
- ☒ 5. Disposal Requirements for Special Wastes
- ☐ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Water Pollution Control Requirements

Check All That Apply

- ☐ 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- ☐ 2. Designation of Hazardous Substances (40 CFR 116)
- ☒ 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- ☐ 4. NPDES Permit Requirements (40 CFR 122)
- ☐ 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- ☐ 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
Name of POTW
ID # of POTW
- ☐ 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- ☐ 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- ☐ 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- ☐ 10. Water Quality Standards
- ☐ 11. Effluent Limitations for Direct Dischargers
- ☐ 12. Permit Monitoring/Reporting Requirements
- ☐ 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- ☐ 14. Collection, Handling, and Processing of Sewage Sludge
- ☐ 15. Oil Discharge Containment, Control and Cleanup
- ☐ 16. Standards Applicable to Indirect Discharges (Pretreatment)
- ☐ 17. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above
City of Mt. Pleasant, Iowa Sewer Use Ordinance

Drinking Water Regulations

Check All That Apply

- ☐ 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)

- ☐ 2. National Primary Drinking Water Standards (40 CFR 141)
- ☐ 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- ☐ 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- ☐ 5. Underground Injection Control Requirements
- ☐ 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems
- ☐ 7. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Toxic Substances

Check All That Apply

- ☒ 1. Manufacture and Import of Chemicals, Record-keeping and Reporting Requirements (40 CFR 704)
- ☒ 2. Import and Export of Chemicals (40 CFR 707)
- ☒ 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)
- ☒ 4. Chemical Information Rules (40 CFR 712)
- ☒ 5. Health and Safety Data Reporting (40 CFR 716)
- ☒ 6. Pre-Manufacture Notifications (40 CFR 720)
- ☒ 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- ☐ 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- ☐ 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)
- ☐ 10. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Pesticide Regulations

Check All That Apply

- ☒ 1. FIFRA Pesticide Use Classification (40 CFR 162)
- ☒ 2. Procedures Storage and Disposal of Pesticides and Containers (40 CFR 165)
- ☒ 3. Certification of Pesticide Applications (40 CFR 171)
- ☐ 4. Pesticide Licensing Requirements
- ☐ 5. Labeling of Pesticides
- ☒ 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- ☒ 7. Disposal of Pesticide Containers
- ☒ 8. Restricted Use and Prohibited Pesticides
- ☐ 9. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Environmental Clean-Up, Restoration, Corrective Action

Check All That Apply

- ☒ 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (Please identify)
- ☐ 2. RCRA Corrective Action
- ☐ 3. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Facility Name Celestica Mt. Pleasant
Facility Location: 1615 East Washington Street Mt. Pleasant, Iowa
Facility ID Number(s): IAD984570754

Supplemental Information to National Environmental Achievement Track Application

1. Environmental Ethic and Programs:

Policy: Celestica has adopted the following Environmental, Health and Safety Policy to protect the environment and to conduct its operations in the electronics manufacturing industry using sound management practices. This policy is the foundation for our EHS objectives listed below and is available to anyone upon request.

Every Celestica employee shares personal responsibility in assuring the site is an environmentally responsible neighbor in the community and for maintaining a safe, clean, healthy and secure work place. We will act responsibly to correct conditions that negatively impact health, safety or the environment.

Celestica is committed to a pollution prevention program and the achievement of continuous improvement in our environmental objectives.

Environmental objectives and targets will be set each year based on the previously year's results and trends.

Celestica will:

- Practice conservation in all areas of our business.
- Develop safe, energy efficient and environmentally conscious products and manufacturing processes.
- Assist in the development of technological solutions to environmental problems.

- Comply with or exceed all applicable and anticipated environmental Legislation and Regulations.
- Conduct rigorous self-assessments and audits to ensure our compliance with this policy on an ongoing basis.

Employee Involvement: Cross-functional teams including management, engineers and production employees have a long history of success at the Mt. Pleasant site addressing environmental issues. These teams have gone to work on several fronts. They have teamed together to tackle many waste reduction, reuse and recycle projects.

A partial list of those projects follows: 1) Reducing paper reports. 2) Buying recycled paper. 3) Using recycled newsprint "egg carton" shipping inserts. 4) Sending plastic trays and reels back to vendors. 5) Recycling scrap radios. 6) Reusing boxes between the manufacturing and the distribution center. 7) Recycling all lead contaminated materials. 8) Eliminating bleached boxes. 9) Bulk packing radios.

These benchmark projects have enabled us to reduce the environmental impact of our manufacturing activities. As is graphically demonstrated in our attached performance metrics, Mt. Pleasant Celesticans have taken to heart the opportunities to continuously improve our environmental performance.

Pollution Prevention: Our facilities' Pollution Prevention Plan states our environmental policy and objectives. The plan addresses the potential environmental impacts of our operations by directing our attention to the evaluation of new processes, air emissions, water discharges, hazardous wastes, chemical use and performance against goals. We track landfill waste, hazardous waste, potential and actual air emissions and plastic recycling in the Plan as we continuously look for and act on opportunities to reduce our environmental impact.

2. Leadership and Innovations

The Mt Pleasant site has a history of leadership in product quality and delivery. We also have successfully accepted the challenge of environmental leadership as evidenced by winning the 2000 Governor's Iowa Environmental Excellence Award for Outstanding Environmental Leadership and Innovation. We served as a pilot site in 1999 for the corporate Environmental Management System (EMS) implementation and audit process. Mt. Pleasant developed a Web based EMS that makes our policy, goals, programs, emergency information and forms readily available to Celesticans. The Web based system links EMS policy, procedures and programs together so the users can see how they fit together as an integrated whole.

Our site pioneered a computer based environmental aspects and impacts risk analysis tool within our EMS to help us identify and rank opportunities for improvement. We are currently creating a nonconformance log/work order system that will be available to employees on all shifts so they can record and track environmental issues, providing visibility to management and employees on all shifts. The site was audited this year and has current ISO 14001 certification. The emphasis on continuous improvement in environmental excellence in ISO 14000 is a natural fit with the Celestica, Mt. Pleasant culture.

As impressive as our historical accomplishments have been, they are just the beginning. Celesticans have dreams and visions for the future where expanded community recycling, solid waste composting and clean water wetlands would allow us to begin to talk seriously about a manufacturing facility with zero landfill waste and a positive impact on water quality.

To kick off the community composting initiative, members of the EHS team met last spring with staff members of the state correctional facilities in Mt. Pleasant. We traveled together to the prison at Anamosa to do a post mortem on a prison/community-recycling program. The

prison was reorganized and re-classified to a maximum-security unit and additional security issues necessitated a roll back in community services. We reviewed their present and past recycling and composting processes and discussed the opportunities and limitations of the utilization of prison labor for the purpose of community solid waste management. Following the prison visit another local manufacturing site with substantial land fill waste suitable for composting was contacted and the opportunities and the obstacles of solid waste composting with or without prison labor were discussed. Plans for additional meetings and the development of a work group to include manufacturing, the prison and schools are in the works.

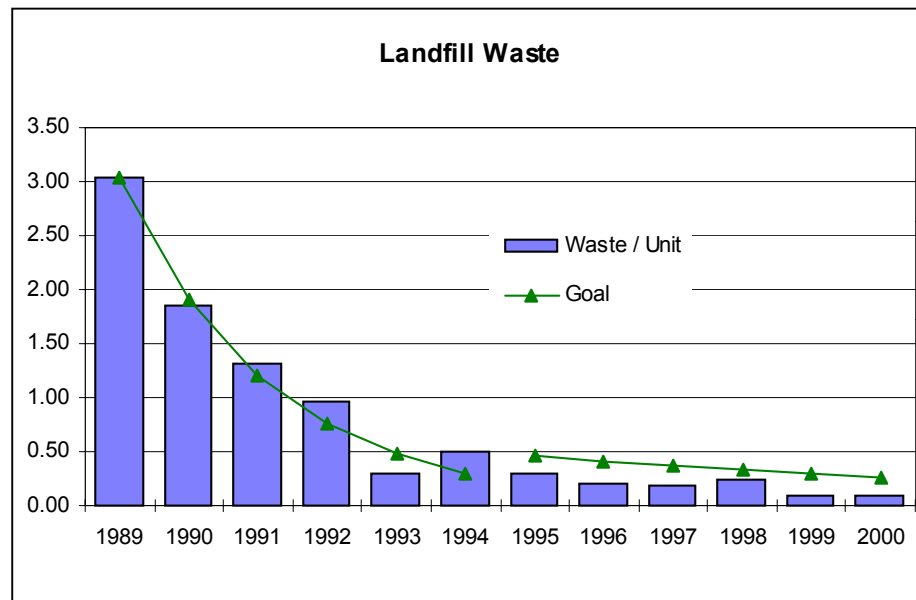
Over ten years ago our EHS staff became concerned with local water quality issues. Combined sewer overflows from the city were causing reoccurring fish kills in a local stream. As the EHS staff expressed concerns and studied the city's challenges and options, the DNR water quality standards tightened. Forward-looking city managers, seeking a long-term solution and anticipating the continued growth of the community, planned a new wastewater treatment plant. The \$11 million dollar project came on line this spring. The EHS staff noticed that the geographical location of the plant, topography, soils and wastewater profile would favor the development of a tertiary or clean water wetland between the plant and the receiving river.

The EHS staff visited sites in Iowa and Missouri where wetlands are used for the secondary and tertiary treatment of sanitary wastewater. The idea of incorporating wetlands into a community's waste water treatment system, while providing wildlife habitat, environmental education, recreation, conservation of nutrients, long term energy and capital savings, and then returning water to the river substantially cleaner for the detour through the community's water system, was irresistible. Wetland plans were drawn up, the community surveyed, and a prototype wetland was created complete with breeding pairs of trumpeter swans. School children and

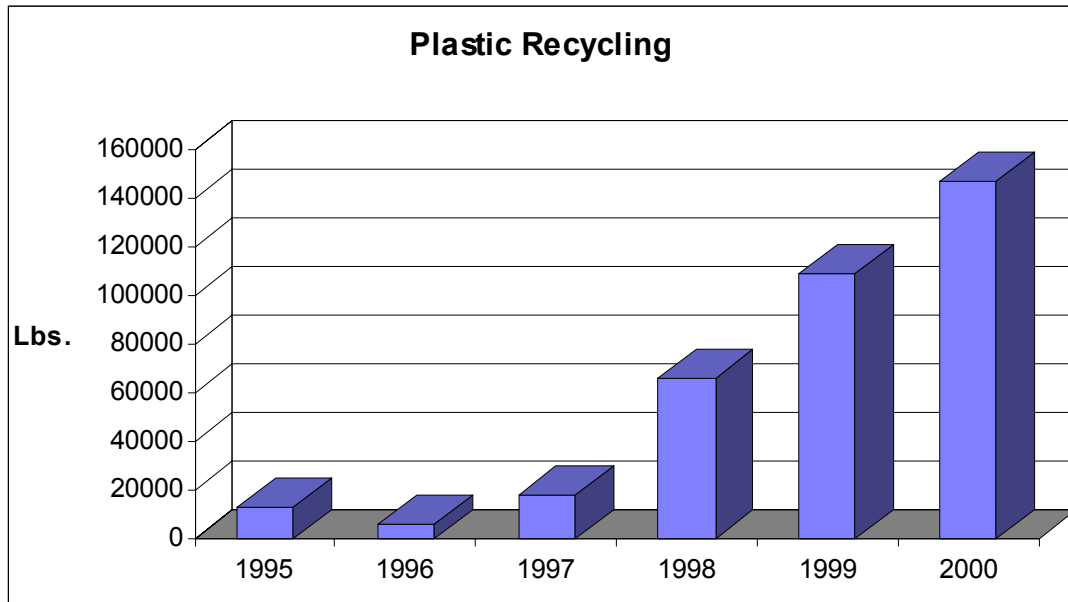
college students have become involved in this proposed Swan Park initiative through work projects and educational trips for which Celestica continues to supply staff to assist in water quality and wildlife studies. Swan Park, like community solid waste composting, is a reach out program and may take years to come into full operation.

3. Sustainable Environmental Results

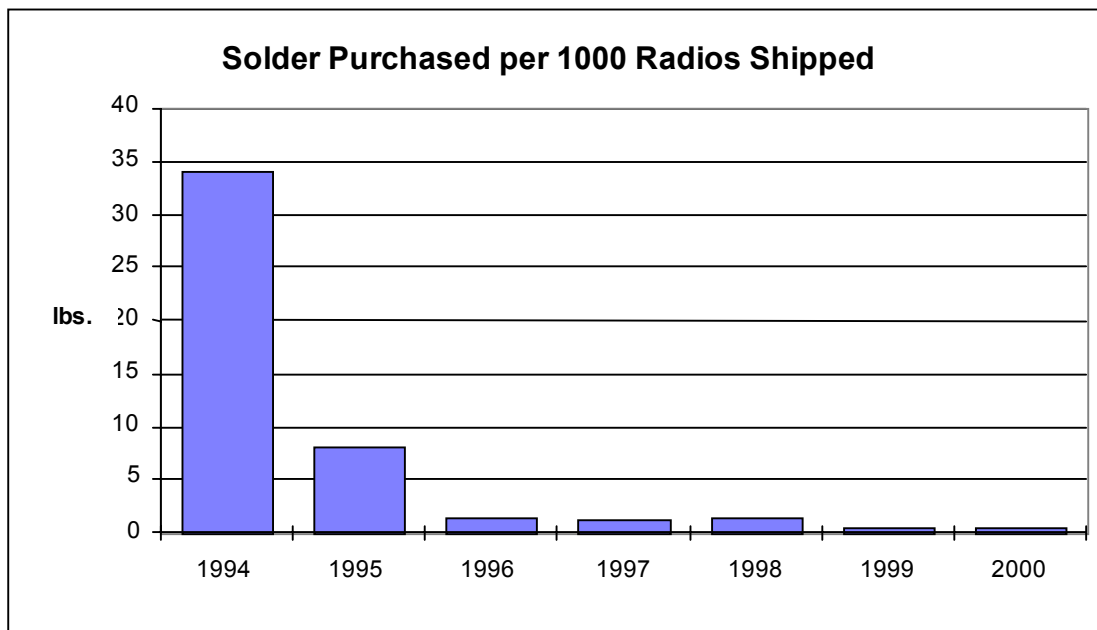
From 1989 to date the Mt. Pleasant employees have successfully reduced landfill waste per unit shipped by 90%.



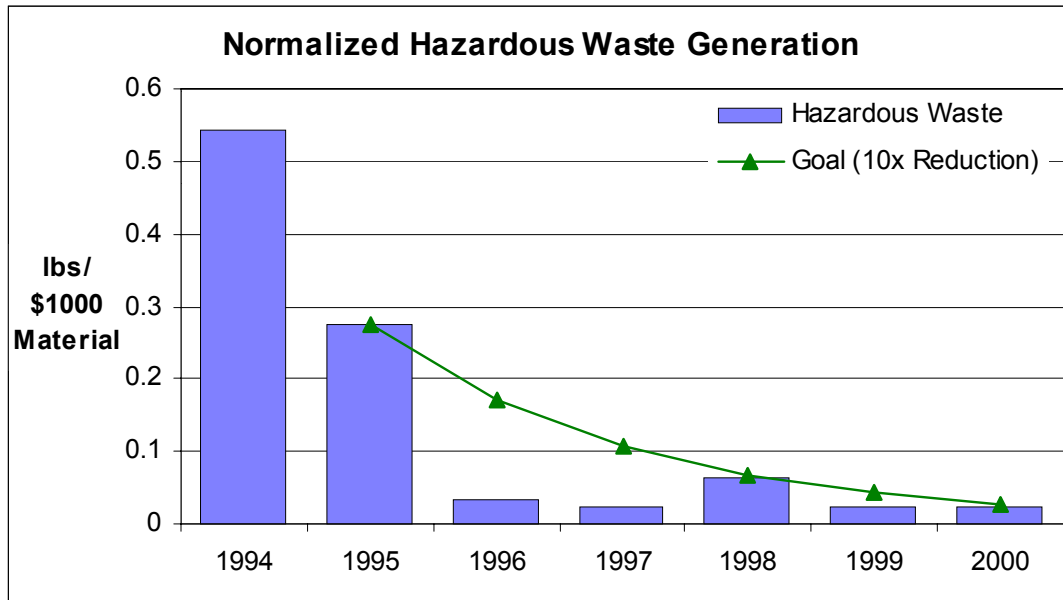
In 1995 we went to work on recycling plastic and in spite of continuous problems in finding stable markets, we have increased plastic recycling over 14 fold during the past five years to over 146,810 pounds in 2000.



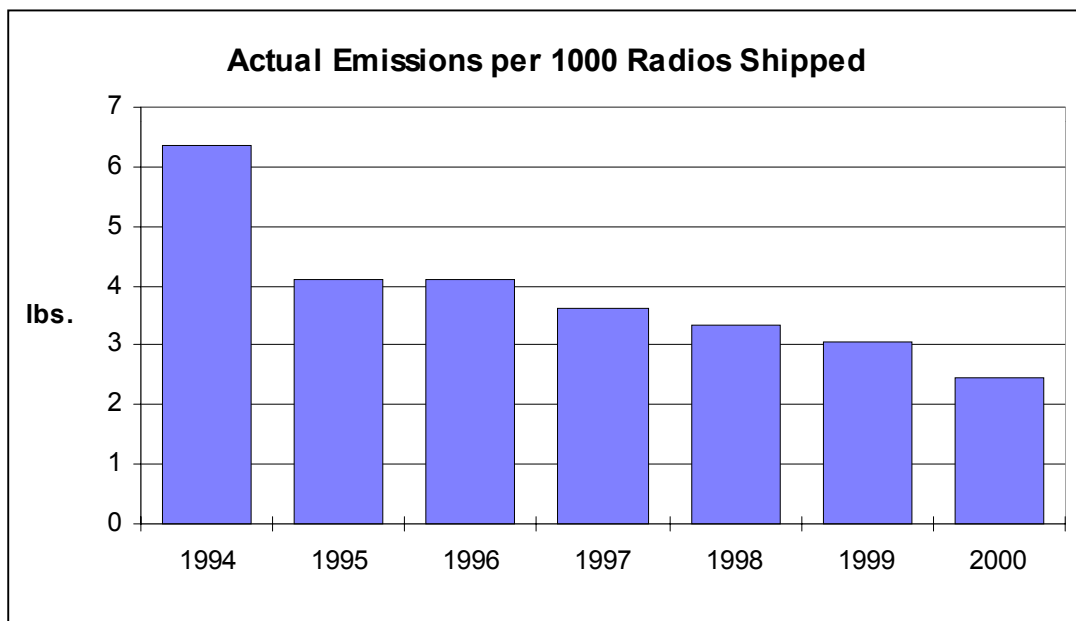
We decreased the use of lead solder per unit shipped in our processes by over 95% between 1994 and 2000.



We have decreased our hazardous waste in pounds /dollar of product shipped by over 95%.



Additionally, since 1994 we have reduced actual air emissions per 1000 units shipped by nearly 60% and essentially eliminated toxic air emissions.



While the in house waste reduction mentioned above was in progress, the site has also sought to reach out into the community to advance environmental awareness, education and practices.

4. Economic results.

Total costs savings are difficult if not impossible to capture. Historically our reduction in lead solder usage, the phase out of CFC's, discontinuing the use of bleached cardboard and reductions in packaging have represented substantial cost savings. Back in 1993, our Leaves 'Em Green TFE team developed a bulk pack shipping system that saved our site \$68,000 in packaging material costs and over \$142,000 in labor and handling expenses annually. We are now creating a fund for environmental projects in the community out of our returns from paper and cardboard recycling. We expect this fund to be over \$2,500 per year.

Information supplied from City Carton, our paper recycler, indicates that from 1992-1999 our paper/cardboard recycling saved 45,000 trees, 18.5 million gallons of water, 10.8 million kw of energy, and 8,000 cubic yards of landfill space. According to Trees Forever, those 45,000 trees are busy producing 5.5 million pounds of oxygen every year.

5. Participation

The key to the success of Celestica's environmental programs is the commitment and determination of our employees. Celestica employees are busy making the difference both at work and in the community. Our management team has created a culture that encourages the employees to successfully champion the environment.

6. Benefits to workers/environment/community

The dedication of the Mt. Pleasant employees to Celestica's environmental programs has created benefits that reach out beyond our metrics. The employees benefit directly from a cleaner and safer working environment. They also gain information that allows them to participate more fully in community recycling opportunities. They are made aware of local and global environmental issues and are encouraged to participate and support environmental initiatives

such as car-pooling and energy conservation. They gain the problem solving skills and the continuous improvement attitude that combines to assure effective action as informed citizens. They have all worked together to create a working community they are rightfully proud of. Recently several employees have signed up with the DOT to adopt the section of Highway 34 in front of the facility for litter removal.

Celestica's environmental programs have also conserved landfill space and increased the efficiency of our utilization of resources. Celestica has contributed to the health and safety of our employees, their families and the community.

The EHS staff has been invited to take the message of wetlands, water quality and wildlife to the Henry and Jefferson County Nature Days the last two years. While some of the 4th and 6th graders that have attended are gathered around pens of native waterfowl feeding the goslings, others are bravely passing around a mild mannered hog-nosed snake. Still others are fascinated with the turtles. Everybody is getting to know some of the interesting wetland residents as they listen to how wetlands clean water and contribute to the bountiful diversity of our natural world.

7. Transferability.

Mt. Pleasant has a strong history of sharing and bench marking what works around the world. The Leaves 'Em Green bulk pack shipping system that saved our site over \$200,000 was then exported to facilities in Canada, England, Florida, Singapore and Illinois. Our EMS Web system and environmental impacts and aspects tool is currently being bench marked at sites around the world. We have been active in community safety and environmental organizations, encouraging recycling and over all environmental excellence. Employee involvement, management support and teaming with the community is what we model and bench mark across

all the industries we talk to, including vendors, cooperators, competitors and neighbors. At Celestica we do not stop with providing the best quality communication technology, we seek to be a world-class corporate citizen, providing the economic, social and environmental benefits required to create and sustain a healthy environment.